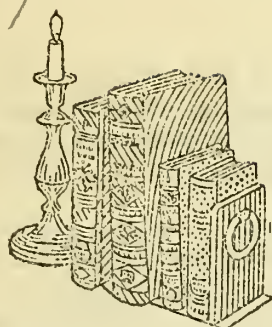


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LIBRARY NEWSLETTER

U. S. DEPARTMENT OF AGRICULTURE

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Vol. 10, No. 3.

September 1951.

"Every man who knows how to read has it in his power to magnify himself, to multiply the ways in which he exists, to make his life full, significant and interesting."

--Aldous Huxley.

NEW BOOKS IN THE LIBRARY

THE ECOLOGY OF ANIMALS, by Charles Elton. Methuen, 1950. 3rd ed. 97p.
411 EL8E Ed.3

"This little book is primarily meant as a brief survey of the scope and problems of ecology for the general public. In this respect Elton has undoubtedly succeeded. Explaining such an involved field to the non-biological audience is a difficult task. The writing is clear, to the point, and illustrative examples of the various principles are aptly selected. The bases of ecology are condensed into seven short chapters. These are: the scope of animal ecology, ecological surveys, animal inter-relations, habitats, numbers: statistics, numbers: dynamics, and economic problems." From review in American Midland Naturalist, March 1951. Apparently, in Great Britain the word "edition" is not used as we use it. Though this 1950 printing of the book is called a third edition, actually the material in it has not been revised and is of no later date than 1933.

FARM WORK SIMPLIFICATION, by L. M. Vaughan and L. S. Hardin. Wiley, 1949.
145p. 283 V46

This book grew out of work originated by the National Farm Work Simplification Project which had as its objective the problems of making better use of available machinery and other physical facilities, of eliminating or combining operations to conserve labor, and of reducing the time and fatigue when hand labor had to be used. In Part I the authors discuss the place of work simplification in farming - what it is, what savings can be made, the principles of effective work, and how results may be used. This section is written for farmers who wish to improve the way they do their work. Part II is prepared for those who may be planning to make a research study of work methods or teach the principles and procedures of work simplification.

FORESTS AND MEN, by W.B. Greeley. Doubleday, 1951. 255p. 99.04 G81

In a review of this book in the July issue of Journal of Soil and Water Conservation S. L. Frost said, "Forests and Men should prove an inspiration to

all conservationists, as well as an enlightening enjoyment for the student and layman." Mr. Frost thinks that if one is feeling a bit pessimistic about the progress of the world and about our progress in good land use, a corrective cure might be "two quiet nights at home with Colonel Greeley's new book," ... for "it's packed with 'good medicine'."

The book opens with the epic forest fire of 1910. Then Colonel Greeley "unfolds the endless fight to protect the forests, the early rise of conservation, the crusade of the Teddy Roosevelt-Gifford Pinchot team, development of public forests, state forestry and forestry at the grass roots." Mr. Frost thinks the last three chapters "Teachers or Policemen in the Woods," "The Forest Balance Sheet," and "The Ways of Democracy" should be read by everyone.

INTRODUCTORY ANIMAL HUSBANDRY, by A. L. Anderson. Rev. ed. Macmillan, 1951.
701p. 40 An22 Ed.2

This is a text-book intended to acquaint the student with the fundamental problems and essential general concepts of livestock production in the United States. The subject matter covered and the arrangement of the material are exactly as in the first edition. One part of the book is devoted to cattle, beef and dairy and dual-purpose cattle, other parts to swine, sheep, horses and mules. In each part we are given first a general view, then discussion of types, of markets, of products and by-products, of feeding and management, of breeding. The subject matter is brought up-to-date, statistical tables give recent figures, many of the illustrations are new, the references in the appendix have been brought up to date.

LAND PROBLEMS AND POLICIES, by J. F. Timmons and W. G. Murray. Iowa State College press, 1950. 298p. 282 T48

During the summer of 1949, Iowa State College held the Land Economics Institute for the purpose of stimulating study and promoting discussion of important land problems. In this book are presented, in revised form, the lectures given at that Seminar. They include "Objectives of Land Policy," by Rainer Schickel; "World Population Trends, Problems and Policies," by W. S. Thompson; "Farm Land Resources of the United States," by C. E. Kellogg and C. P. Barnes; "Principles of Land Utilization," by S. E. Johnson; "Use and Conservation of Our Farm Lands," by H. H. Bennett; "Range Land Problems and Policies," by R. R. Renno; "Use and Control of Water Resources," by Marion Clawson; "Forestry in a Changing World," by J. D. B. Harrison; "Recreational Land Problems and Policies," by E. S. Griffith; "Problems and Policies of Wildlife Management," by I. N. Gabrielson; "Family Farm Problems and Policies," by Joseph Ackerman; "Public Interest in Private Land," by R. J. Penn; "Planning the Use of Land Resources," by V. W. Johnson; "Land Programs in a Policy Framework," by O. B. Jesness; and "Building a Land Policy," by J. F. Timmons.

MAN ON THE LANDSCAPE, THE FUNDAMENTALS OF PLANT CONSERVATION, by V. G. Carter. National Wildlife Federation, 1949. 129p. 279 C24M

Turning to the Introduction, we find this: "TO START WITH -- There ought to be a reason why anyone should read this book. Some people have itching brains and will read anything. They are welcome, but in the main we are after more cautious game. To be blunt, we hope to snare those who think plants a fit topic for exercising the intelligence, and fit objects for engaging the muscles.

Thus far, we have as our potential audience the curious citizen, the agriculturist in all his forms, the forester, the home gardener, the feeder of animals both gentle and wild, the sportsman, the nature lover, that considerable body of

folk who eat plants on occasion, and in particular, we have the teacher and student of plant life." Does this make you one of the potential audience for this book! If so, we think you will find it interesting.

PROPAGATION OF PLANTS, by M. G. Kains and L. M. McQuesten. Orange Judd, 1950. 639p. 90.11 K12

Though this book is dated 1950, it is a reprint of the enlarged edition of 1942. The 1942 edition is the 1939 edition, word for word, with the addition of a 70 page appendix of new material. Practically all the items in the bibliography were published before 1930. Even so, the book is still considered one of the best in its field and is, as its subtitle states "a ... guide for professional and amateur growers of plants by seeds, layers, grafting and budding, with chapters on nursery and greenhouse management.

WILDLIFE MANAGEMENT, by I. N. Gabrielson. Macmillan, 1951. 274p. 412.9 G11Wi

"This book examines the practices, problems and solutions to wildlife conservation. Dr. Gabrielson's approach, practical rather than sentimental, is based on conditions as they actually exist today. He takes into consideration the fact that farming, engineering projects, lumbering and numerous other activities that support the large human population must continue side by side with the habitat for wild populations. Drawing from his wide background as biologist, research scientist, field administrator, director of the Fish and Wildlife Service and president of the Wildlife Management Institute, the author gives a thorough survey of present activities and conditions and shows the advances and the flaws in present educational methods in this field. Systems of inventories and population studies and their application to game, fish and fowl, are basic necessities in management." Publisher's description.

SELECTED BULLETINS

Agricultural Economics

"Current Outlook for World Demand and Prices of Farm Products." FAO. 1949. 20p. 280 F73

"Hail Insurance on Growing Crops," by John C. Ellickson. BAE Agr. Inf. Bul. 56. 1951. 20p. 1. Ag84Ab 56

"Statistics on Cotton and Related Data." USDA Statistical Bul. 99. 1951. 410p. 1 Ag84S 99

Agronomy

Cotton Production Practices in Arkansas." Ark. Agr. Expt. Sta. Bul. 507. 1951. 91p. 100 Ar42

Mechanized Production of Cotton." Ark. Agr. Expt. Sta. Report Ser. 22. 1951. 31p. 100 Ar42R

"Soil Improvement Practices Affecting Yields of Cotton:" Ark. Agr. Expt. Sta. Bul. 513. 1951. 81p. 100 Ar42 513

"Sorghum Yield Tests, 1937-49." Ark. Agr. Expt. Sta. Report Ser. 17. 1950. 19p. 100 Ar42R 17

DO YOU WISH TO RECEIVE THE BOOK-OF-THE-MONTH BOOKS OR DEPOSIT COLLECTIONS?

Entomology

- "Aircraft for Spraying and Dusting." BEPQ EC-2. 1948. 23p. 1.967 A2Ecl
"Control of Lice and Sheep Ticks on Sheep and Goats." USDA Leaflet 308. 1951.
11p. 1 Ag84L 308
"Control of the Garden Webworm in Alfalfa." USDA Leaflet 304. 1951. 4p.
1 Ag84L 304
"Control of Wireworms in Irrigated Lands with Ethylene Dibromide." BEPQ EC-6.
1948. 8p. 1.967 A2Ecl 6
"How To Use Parasites against the Oriental Fruit Moth." BEPQ EC-3. 1948.
4p. 1.967 A2Ecl 3
"The Imported Fire Ant." BEPQ EC-17. 1951. 6p. 1.967 A2Ecl 17
"Milky Disease for Control of Japanese Beetle Grubs." BEPQ EC-4. 1948.
3p. 1.967 A2Ecl 4
"New Sprays for Ticks on Livestock." BEPQ EC-10. 1950. 7p. 1.967 A2Ecl 10

FAO Development Papers

- No. 1. Fertilizer Manufacturing Projects: Their Planning and Financing. 1949.
19p. 281.9 F733
No. 2. Water Laws in the United States of America. 1950. 161p. 281.9 F733
No. 3. Essential Steps in National Agricultural Improvement. 1950. 16p.
281.9 F733
No. 4. Agriculture in the Altiplano of Bolivia. 1950. 33p. 281.9 F733
No. 5. Essential Considerations in Mechanization of Farming. 1950. 11p.
281.9 F733
No. 6. Improving Livestock Under Tropical and Subtropical Conditions. 1950.
55p. 281.9 F733
No. 7. Results of Co-operative Hybrid Maize Tests in Europe - 1949. 1950.
33p. 281.9 F733

Forestry

- "Cutting for Profit in Southern Pine Woodlands." USDA Farmers' Bul. 2027. 1951.
24p. 1 Ag84F 2027
"Forest Plantations in Arkansas: Plantations in the Arkansas Ozarks and Experimental Plantings on a Coastal Plain Site in Southwest Arkansas." Ark. Agr. Expt. Sta. Bul. 512. 1951. 50p. 100 Ar42 512
"Forest Policy, Law, and Administration." 1950. FAO. 211p. 99.9 F73Fa 2
"Private Forest Landownership and Management in Central Mississippi." Miss. State College Tech. Bul. 33. 1951. 38p. 100 M69T 33
"Pulpwood Production Costs in Southeast Arkansas, 1950." Southern Forest Expt. Sta. Occasional Paper 121. 1951. 17p. 1.9 F76240 121
"Row-Thinning in a 14-Year-Old Shortleaf Pine Plantation in Southern Illinois." Ill. Agr. Expt. Sta. Dept. of Forestry Forestry Note 24. 1951. 3p.
99.9 IL62 23
"Storing Southern Pine Seed." SPES Occasional Paper 123. 1951. 13p. 1.9 F7624
"Topsoil and Pine Trees in Alabama's Piedmont." Ala. Agr. Expt. Sta. Leaflet 31. 1951. 6p. 100 AL11 31

A NOTE TO YOU

The information we receive on periodical routing slips about the men listed thereon is sometimes quite confusing.

1. Another town written under a man's name. Does this mean that he is temporarily in this town and the magazine has been forwarded to him, or has he transferred to this town? We do not know whether to change the man's address on all our records when a periodical returns with a routing slip so marked.
2. The word "Delete" is written by a name. Does this mean that the man no longer wishes to see this particular magazine? That is what it should mean, we think. Or does it mean the man has been transferred or has resigned? If he has been transferred, he probably wishes to see the same magazines. We need to know definitely when a man resigns or is transferred.

Since it takes periodicals a long time to circulate, it is always better to write to the library when a change should be made in a man's address, a periodical deleted, or when he has resigned. An informal note is all right.

Remember, too, that we may have routed magazines with a man's name well down on the list just before you told us to remove his name. In that case, magazines will come addressed to him for sometime after we have actually removed his name from all records.

We shall appreciate your cooperation in helping us to keep our records straight.

Horticulture

"Home Vegetable Garden." Okla. Ext. Ser. Cir. 196. Rev. 39p. 275.29 Ok41c

"Okra: Culture and Use." USDA Leaflet 305. 1951. 8p. 1 Ag84L 305

"Trees, Shrubs and Vines for Home Grounds Improvement." Okla. Agr. Ext. Ser. Cir. 546. 1951. 275.29 Ok41c 546

Hydrology

"The Hydrology of a Small Area Near Auburn, Alabama." SCS TP-85. 1949. 40p. 1.96 Ad6Tp 85

"Hydrology of Surface Supplies to Runoff." SCS TP-90. 1951. 25p. 1.96 Ad6Tp

Range and Pasture

"Efficient Use of Annual Plants on Cattle Ranges in the California Foothills." USDA Cir. 870. 1951. 52p. 1 Ag84C 870

"Grazing Values for Cattle on Pine Forest Ranges in Louisiana." La. Agr. Expt. Sta. Bul. 452. 1951. 31p. 100 L93 452

"Supplements for Fattening Two- and Three-year-old Steers on Grass." Okla. Agr. Expt. Sta. Bul. B-372. 1951. 15p. 100 Ok4B 372

Sedimentation

"Effects of Soil Conservation on Sedimentation in Lake Issaqueena, Pickens County, South Carolina." SCS TP-95. 1950. 20p. 1.96 Ad6Tp 95

"Reconnaissance Investigation of Sedimentation in Possum Kingdom Lake." SCS
TP-87. 1949. 22p. 1.96 Ad6Tp

Soil Conservation

"Depletion of High Plains Wheatlands." USDA Cir. 871. 1951. 18p. 1 Ag84C

"Soil Permeability Determinations for Use in Soil and Water Conservation." SCS
TP-101. 1951. 36p. 1.96 Ad6Tp

Miscellany

"Agricultural Mechanization and Social Change in Rural Louisiana." La. Agr.
Expt. Sta. Bul. 458. 1951. 48p. 100 L93 458

"Anhydrous Ammonia as a Source of Nitrogen." Miss. Agr. Expt. Sta. Bul. 482.
1951. 39p. 100 M69B 482

Association of Southern Agricultural Workers. Proceedings 48th Annual Conven-
tion...1951." 190p.

Abstracts of papers and addresses.

"The Availability of Medical Personnel in Rural Louisiana." La. Agr. Expt. Sta.
Bul. 459. 1951. 20p. 100 L93 459

"Educational Approaches to Rural Welfare." FAO. 1949. 51p. 281.2 F732E
Papers submitted to the technical meeting on agricultural extension, Tur-
rialba, Costa Rica, Aug. 23 to Sept. 2, 1949.

"Harvesting and Cleaning Grass and Legume Seed in the Western Gulf Region."
SCS USDA Agr. Handbook 24. 1951. 106p. 1 Ag844h 24

"Ideas for Making Annual Meetings Effective." Farm Credit Administration.
Reprint No. 9. 1951. 20p.

"The Life History and Management of the Mountain Whitefish Prosopium William-
soni (Girard) in Logan River Utah." Utah Agr. Expt. Sta. Bul. 347. 1951.
21p. 100 Ut1B 347

"Re-Upholstering at Home." Okla. Agr. Ext. Ser. Cir. 386. 1951. 23p.
275.29 Ok41C 386

"A Survey of Soviet Russian Agriculture." USDA Agr. Monograph 5. 1951. 194p.
1 Ag844m 5

"Treatment of Hardwood Fence Posts by Brushing With Osmosar Preservative." Ill.
Agr. Expt. Sta. Forestry Note 22. 1951. 3p. 99.9 IL62 22

